

09/590,583  
210121.419C9

**Version with markings to show changes made**

In the claims:

4. (Amended) An isolated polynucleotide encoding at least 15 amino acid residues of a breast tumor protein[, or a variant thereof that differs in one or more substitutions, deletions, additions and/or insertions such that the ability of the variant to react with antigen-specific antisera is not substantially diminished], wherein the tumor protein comprises an amino acid sequence that is encoded by a polynucleotide comprising [a sequence recited in any one of] SEQ ID NO[s]: [1, 3-26, 28-77, 142, 143, 146-152, 154-166, 168-176, 178-192, 194-198, 200-204, 206, 207, 209-214, 216, 218, 219, 221-240, 243-245, 247, 250, 251, 253, 255, 257-266, 268, 269, 271-273, 275, 276, 278, 280, 281, 284, 288, 291-298, 301-303,] 307[, 313, 314, 316 and 317,] or a complement of [any of the foregoing] said sequence[s].

5. (Amended) An isolated polynucleotide encoding a breast tumor protein, [or a variant thereof,] wherein the tumor protein comprises an amino acid sequence that is encoded by a polynucleotide comprising [a sequence recited in any one of] SEQ ID NO[s]: [1, 3-26, 28-77, 142, 143, 146-152, 154-166, 168-176, 178-192, 194-198, 200-204, 206, 207, 209-214, 216, 218, 219, 221-240, 243-245, 247, 250, 251, 253, 255, 257-266, 268, 269, 271-273, 275, 276, 278, 280, 281, 284, 288, 291-298, 301-303,] 307[, 313, 314, 316 and 317] or a complement of [any of the foregoing] said sequence[s].

6. (Amended) An isolated polynucleotide, comprising a sequence [recited in any one] of SEQ ID NO[s]: [1, 3-26, 28-77, 142, 143, 146-152, 154-166, 168-176, 178-192, 194-198, 200-204, 206, 207, 209-214, 216, 218, 219, 221-240, 243-245, 247, 250, 251, 253, 255, 257-266, 268, 269, 271-273, 275, 276, 278, 280, 281, 284, 288, 291-298, 301-303,] 307[, 313, 314, 316 and 317].

16. (Amended) An isolated polynucleotide encoding a fusion protein [according to claim 12] comprising at least one polypeptide encoded by SEQ ID NO:308

60. (Amended) A diagnostic kit, comprising:

- (a) [an oligonucleotide] a polynucleotide according to claim [59] 4; and
- (b) a diagnostic reagent for use in a polymerase chain reaction or hybridization assay.